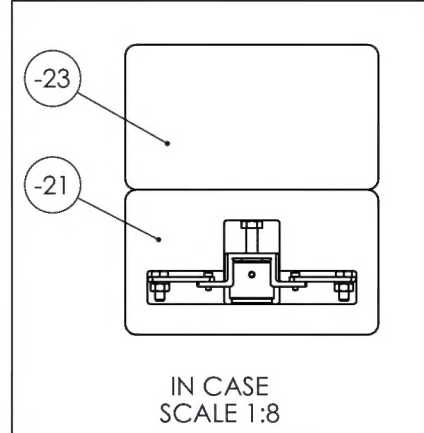
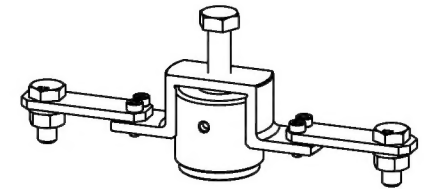
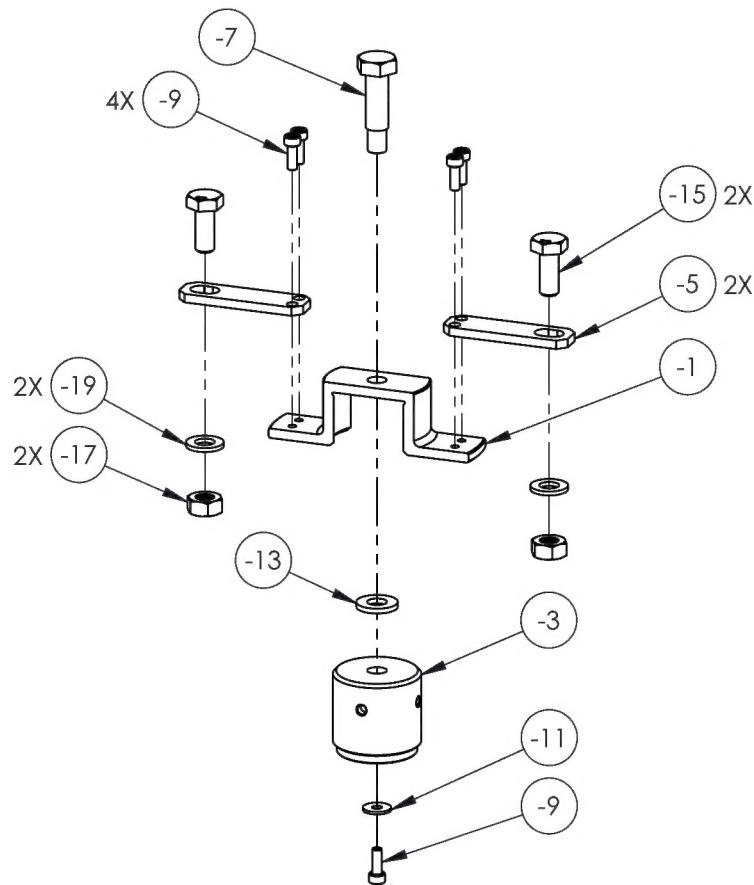


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	7/20/2016	DPD	JAG

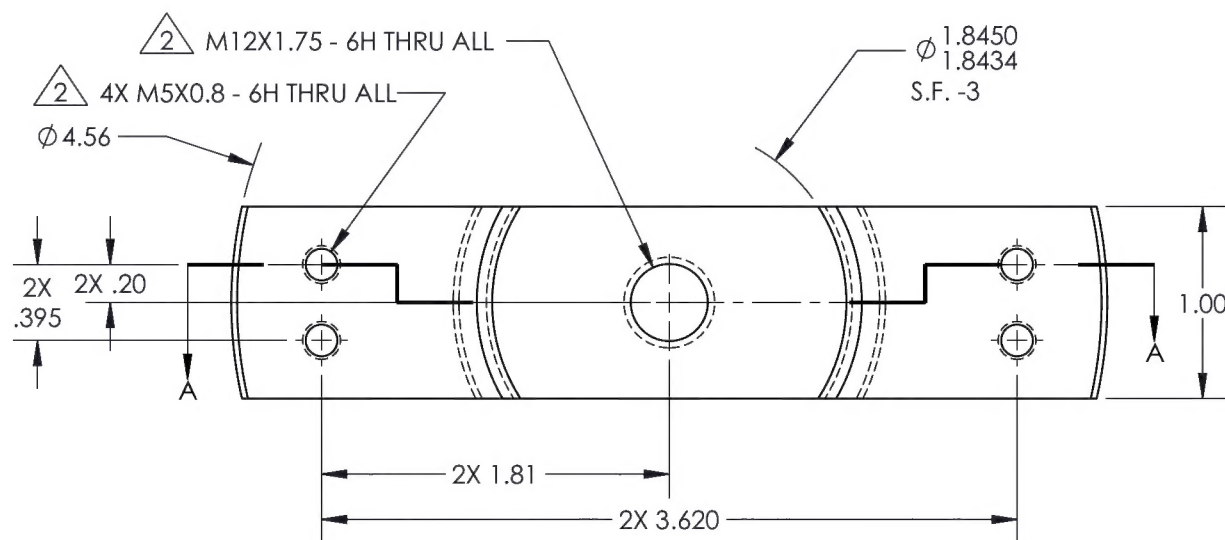
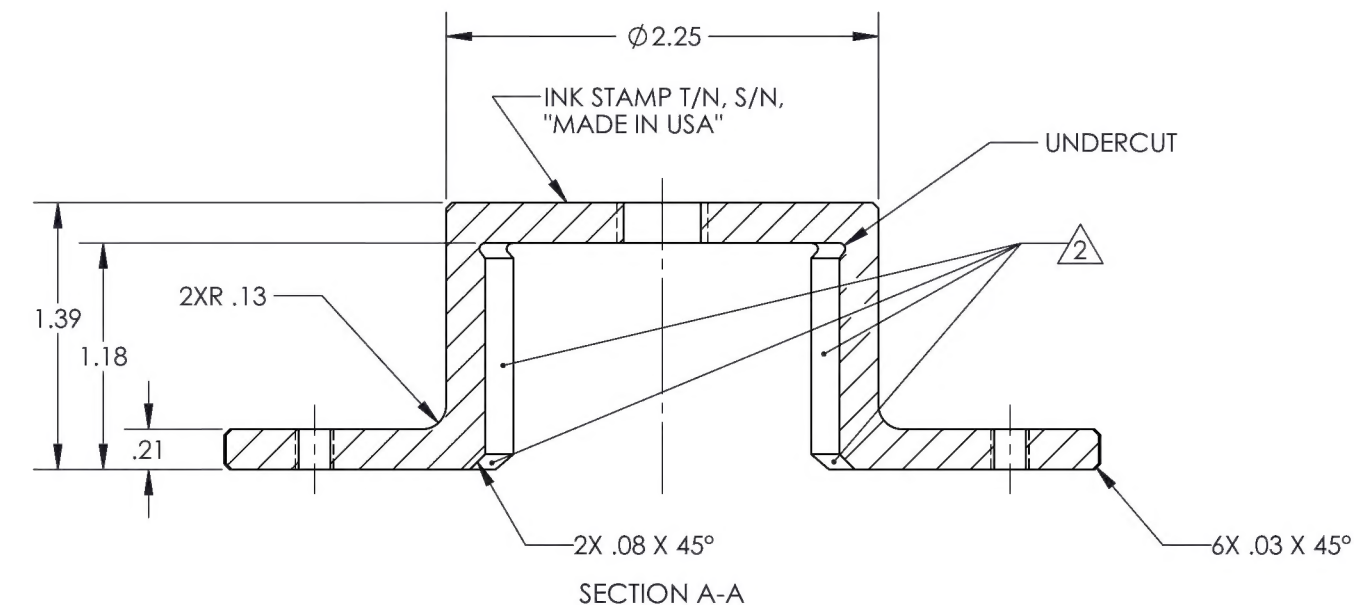
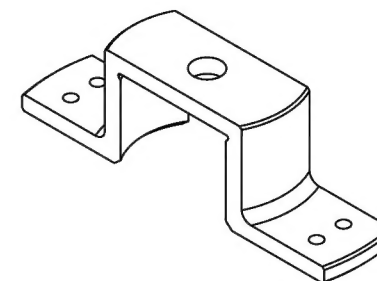


NOTE:  
REF. AIRBUS T/N: M632V3015102.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	BODY	4140/4142		2
			-3	1	GUIDE	4140/4142		3
			-5	2	ATTACH	6061		4
			-7	1	HEX HEAD CAP SCREW	STEEL	M12 X 1.75mm (MCMaster-CARR #91310A142) MODIFIED	5
		B/O	-9	5	SOCKET HEAD CAP SCREW	STEEL	M5 X 0.8mm X 14mm (MCMaster-CARR #95263A360)	1
		B/O	-11	1	WASHER	STEEL	M5 (MCMaster-CARR #91100A140)	1
		B/O	-13	1	WASHER	NYLON	M10 (MCMaster-CARR #95610A600)	1
		B/O	-15	2	HEX HEAD CAP SCREW	STEEL	M10 X 1.5mm X 25mm (MCMaster-CARR #91280A630)	1
		B/O	-17	2	HEX NUT	STEEL	M10 X 1.5mm (MCMaster-CARR #90591A171)	1
		B/O	-19	2	WASHER	STEEL	M10 (MCMaster-CARR #91166A280)	1
		B/O	-21	1	BOTTOM FOAM	Y20 BLACK	2.08 X 6.04 X 10.54 (I.R. SPECIALTY)	6
		B/O	-23	1	TOP FOAM	Y20 BLACK	1.08 X 6.04 X 10.54 (I.R. SPECIALTY)	7
		B/O	-25	1	CASE	PLASTIC	PELICAN #APP-1170-E	N/S
		B/O		1	DART PLACARD	ALUMINUM	RB41011	N/S

TITLE ALTERNATOR SEAL EXCHANGE	
DWG NO. RBEM632V3015102	REV 1
MAT'L FRT TREAT FINISH	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125°
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: MACKOVJAK	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	USED ON MODEL
QA APPR: LINDSAY	H175
APPROVED: GILBERT	
SCALE 1:4	DATE 6/3/2016
	SHEET 1 OF 7

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



①-1  
BODY

1. DUAL FINISH:  
1ST: ZINC PLATE, ASTM B633 TYPE I SC2.  
2ND: POWDER COAT YELLOW, FED #13538.

2 NO POWDER COAT THIS SURFACE.



TITLE **ALTERNATOR SEAL EXCHANGE**

DWG NO.	RBEM632V3015102-1
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MAT'L 4140/4142
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HEAT	
TREAT	
FINISH	SEE NOTE 1

SPEC

DRAWN BY:	DUERFFELDT
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CHECKED:	MACCOVJAK
----------	-----------

OPPS APPR:	ANDERSON
------------	----------

QA APPR:	LINDSAY
----------	---------

APPROVED:	GILBERT
-----------	---------

SCALE	1:1
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UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
.XXX ± .005 FRACTIONS ± 1/8  
.XX ± .01 ANGLES ± .5°  
.X ± .1 SURFACES = 125/

**1. BREAK ALL SHARP EDGES**

.015 x 45° OR .015R  
2. DIMENSIONAL LIMITS APPLY

2. DIMENSIONAL LIMITS APPLY AFTER PLATING

3. INTERPRET DIM AND TOL PER  
ASME Y14.5M-2009

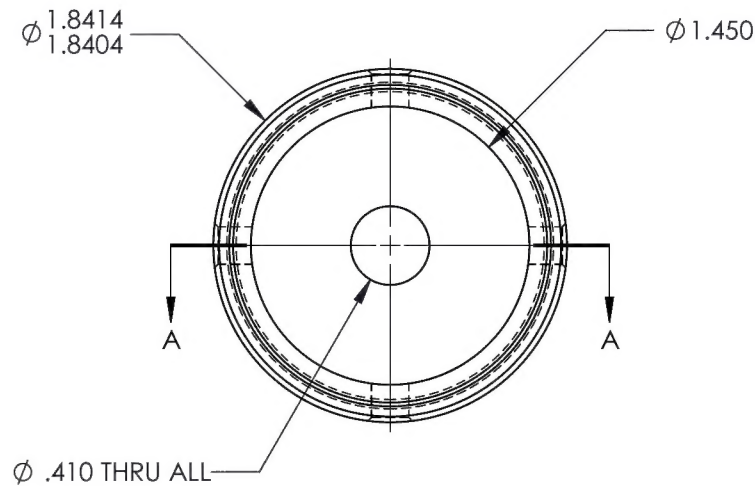
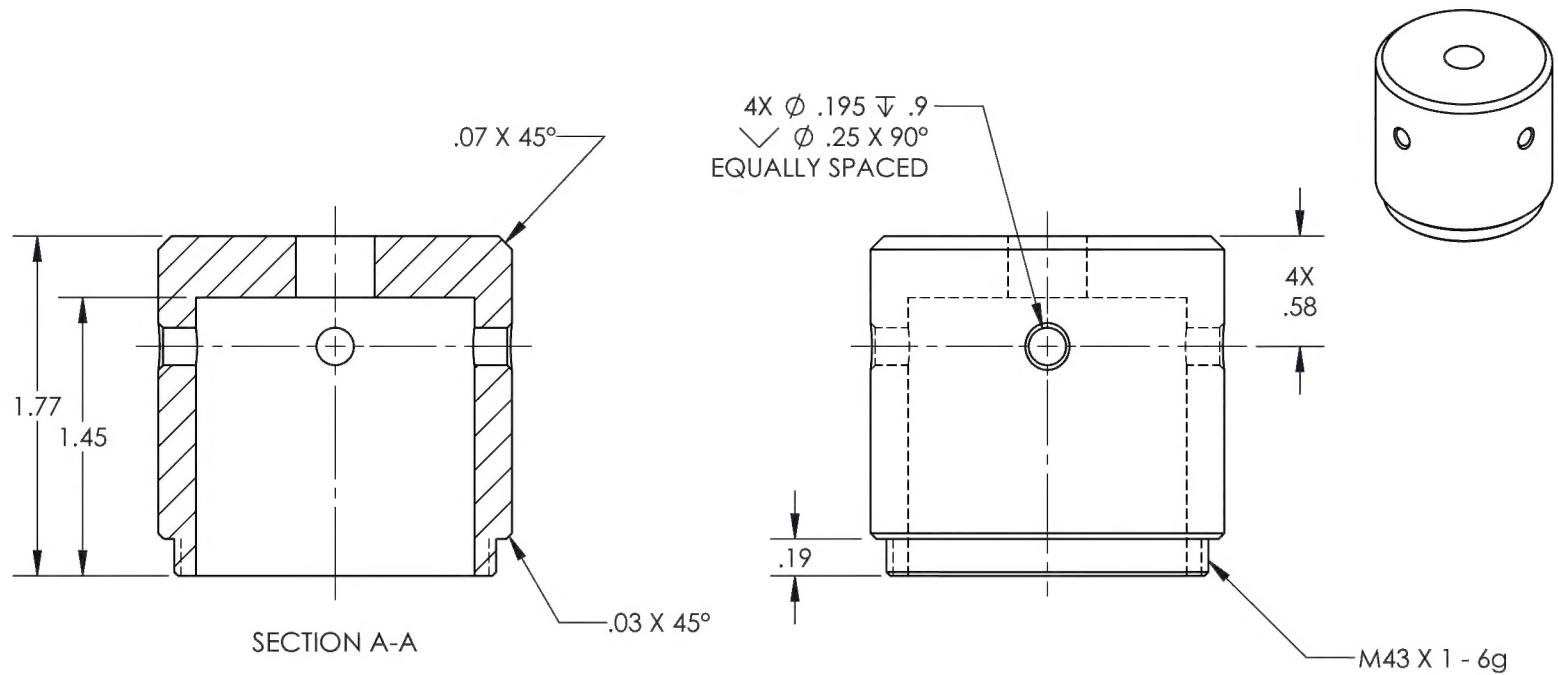
	USED ON MODEL
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H175

SCALE	1:1	DATE	6/3/2016	SHEET 2 OF 7
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				APPROVED

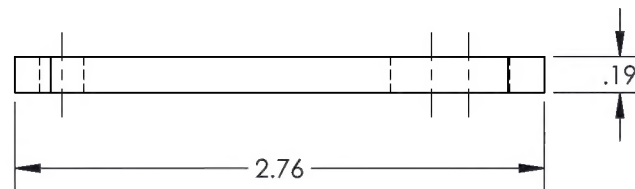
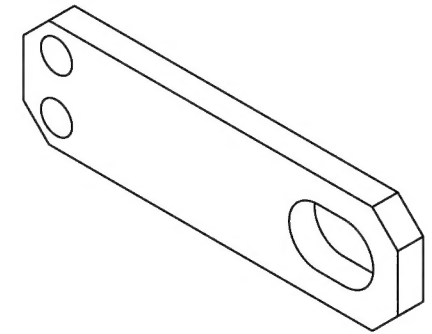
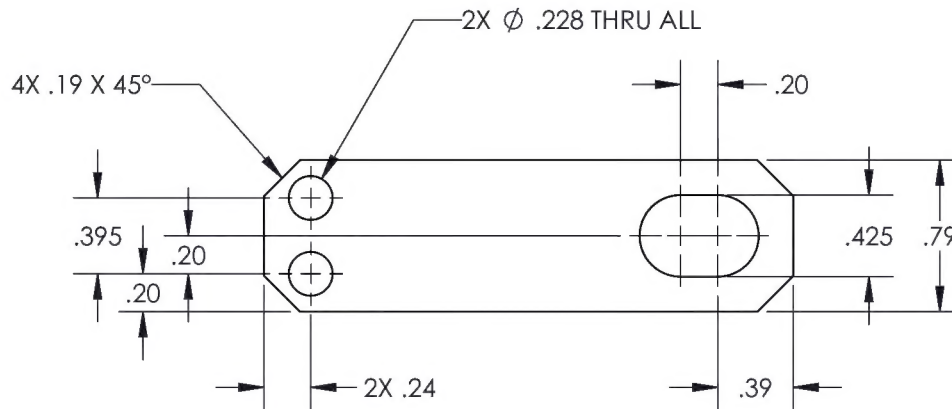


(-3)  
 GUIDE

<b>DART AEROSPACE</b>	
TITLE <b>ALTERNATOR SEAL EXCHANGE</b>	
DWG NO. <b>RBEM632V3015102-3</b>	REV <b>1</b>
MAT'L 4140/4142 TREAT FINISH ZINC PLATE SPEC ASTM B633 TYPE I SC 2	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX $\pm$ .005 FRACTIONS $\pm$ 1/8 .XX $\pm$ .01 ANGLES $\pm$ 5° .X $\pm$ .1 SURFACES = 125°	
1. BREAK ALL SHARP EDGES .015 X 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: DUERFELDT CHECKED: MACKOVJAK OPPTS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT	
USED ON MODEL <b>H175</b>	
SCALE 1:1	DATE 6/3/2016
SHEET 3 OF 7	

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL



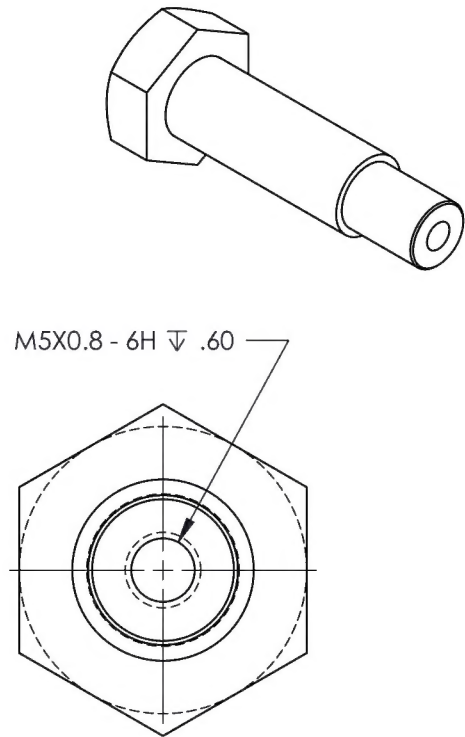
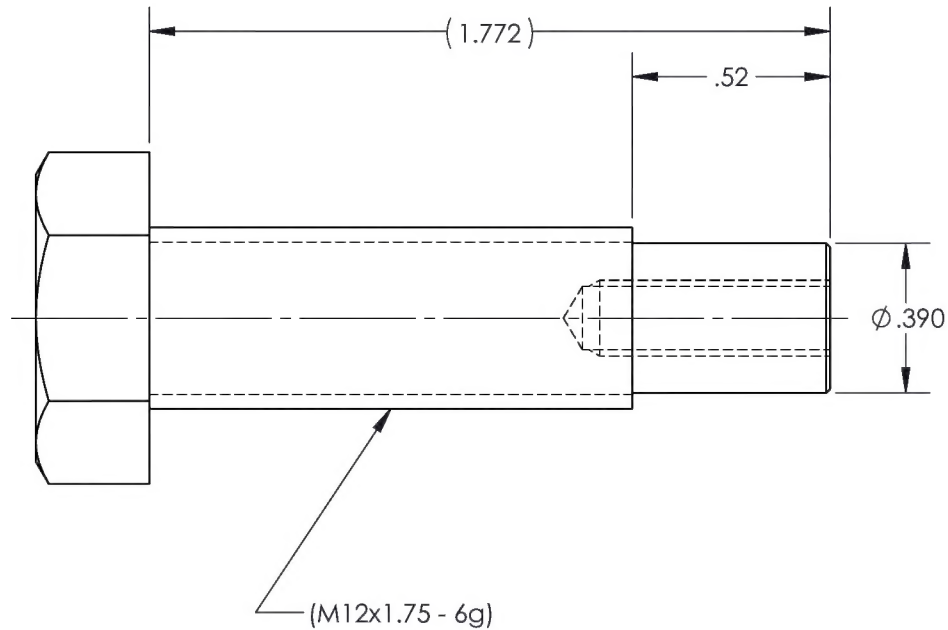
(-5)

ATTACH

<b>DART</b> AEROSPACE	
TITLE <b>ALTERNATOR SEAL EXCHANGE</b>	
DWG NO. <b>RBEM632V3015102-5</b>	REV <b>1</b>
MAT'L 6061	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH POWDER COAT YELLOW	.XXX ± .005 FRACTIONS ± 1/8
SPEC FED #13538	.XX ± .01 ANGLES ± 5°
DRAWN BY: DUERFELDT	.X ± .1 SURFACES = 125°
CHECKED: MACKOVJAK	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 6/3/2016	USED ON MODEL
SHEET 4 OF 7	H175

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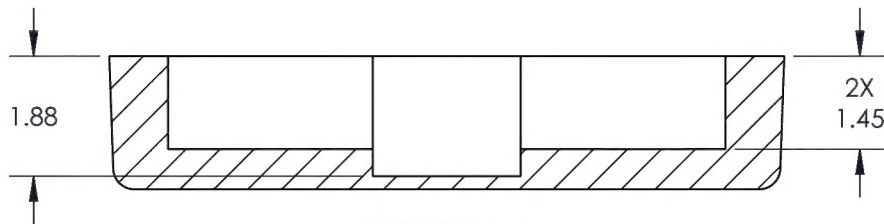
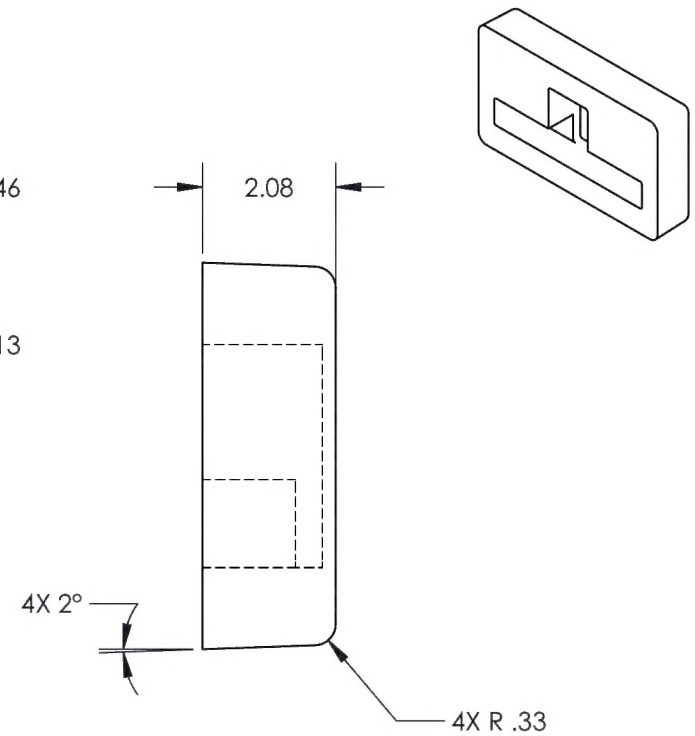
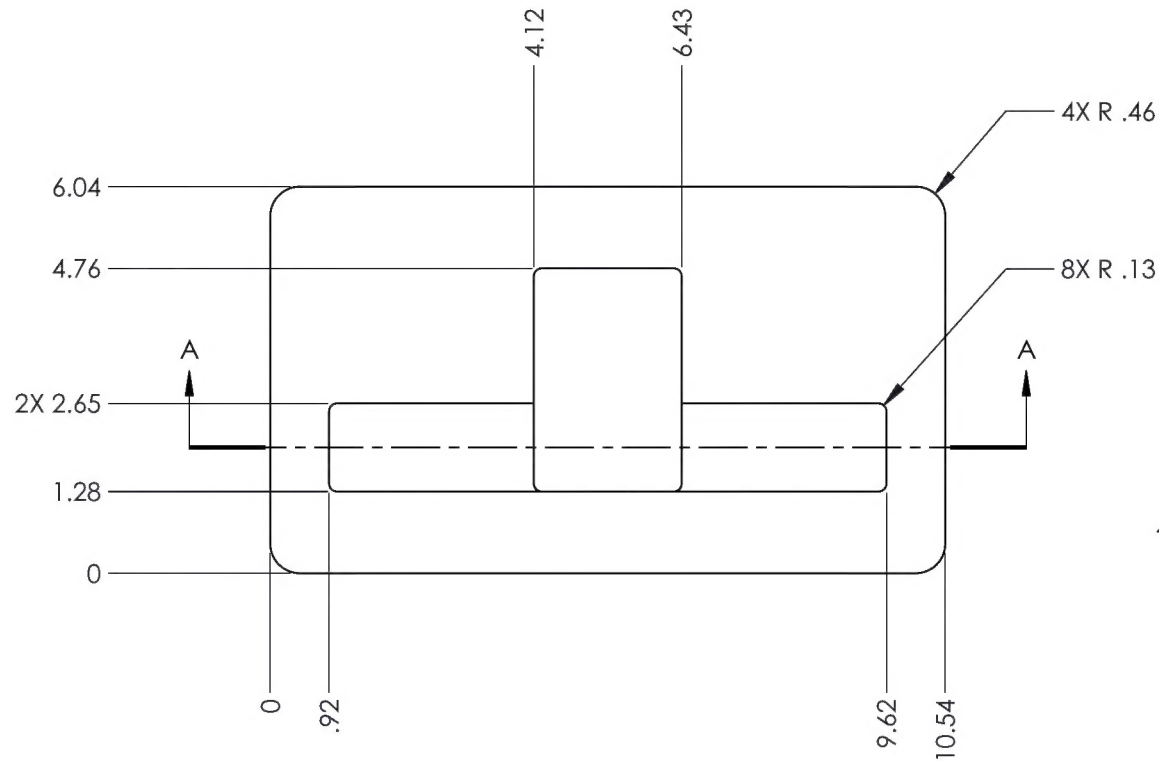


(-7)  
HEX HEAD CAP SCREW

<b>DART AEROSPACE</b>	
TITLE <b>ALTERNATOR SEAL EXCHANGE</b>	
DWG NO. <b>RBEM632V3015102-7</b>	REV <b>1</b>
MAT'L STEEL	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± 5°
DRAWN BY: DUERFELDT	.X ± .1 SURFACES = 125
CHECKED: MACKOVJAK	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
SCALE 2:1	DATE 6/3/2016
	SHEET 5 OF 7

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				APPROVED



SECTION A-A

(-21)

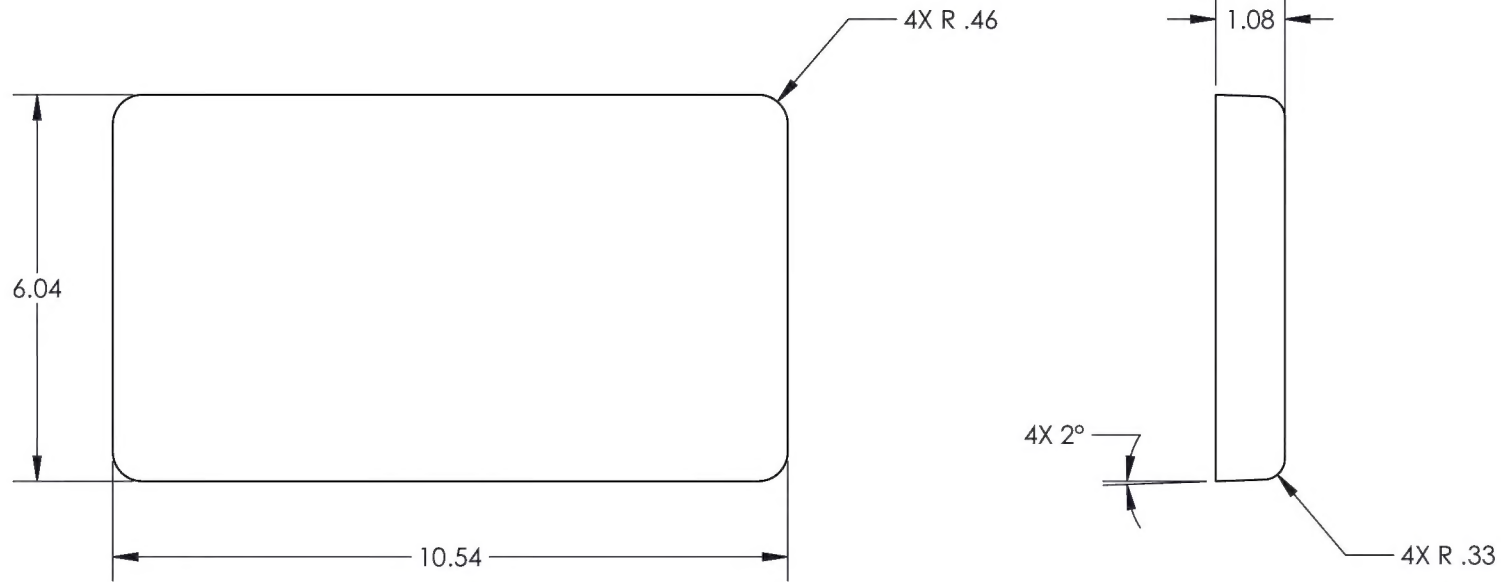
BOTTOM FOAM

<b>DART</b> AEROSPACE	
TITLE <b>ALTERNATOR SEAL EXCHANGE</b>	
DWG NO. <b>RBEM632V3015102-21</b>	REV <b>1</b>
MAT'L Y20 BLACK HEAT TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125 ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: <b>DUERFELDT</b>	USED ON MODEL <b>H175</b>
CHECKED: <b>MACKOVJAK</b>	
OPPS APPR: <b>ANDERSON</b>	
QA APPR: <b>LINDSAY</b>	
APPROVED: <b>GILBERT</b>	
SCALE <b>1:3</b>	DATE <b>6/3/2016</b>
SHEET 6 OF 7	



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				APPROVED



(-23)  
TOP FOAM

<b>DART</b> AEROSPACE	
TITLE <b>ALTERNATOR SEAL EXCHANGE</b>	
DWG NO. <b>RBEM632V3015102-23</b>	REV <b>1</b>
MAT'L Y20 BLACK	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES
CHECKED: MACKOVJAK	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 1:3	DATE 6/3/2016
	USED ON MODEL H175
	SHEET 7 OF 7